

Amendments to the Specification:

Please replace the paragraphs beginning at page 13, line 27 with the following paragraph:

FIG. 47A. Photograph of a multiple tissue Northern blot analysis showing tissue specific expression patterns of human PSCA RNA.

~~**FIG. 47B.** Photograph of a multiple tissue Northern blot analysis showing tissue specific expression patterns of murine PSCA RNA.~~

Please replace the paragraphs beginning at page 13, line 30 with the following rewritten paragraph:

FIG. 48A. Complete inhibition of LAPC-9 prostate tumor growth in SCID mice by treatment with anti-PSCA monoclonal antibodies. In the upper panel, mice Mice were injected with LAPC-9 s.c. and treated with a mouse IgG control. ~~Each data point represents the ellipsoidal volume of tumors at specified time points as described in Example 18-A, infra.~~

~~**FIG. 48B.** Complete inhibition of LAPC-9 prostate tumor growth in SCID mice by treatment with anti-PSCA monoclonal antibodies. In the lower panel, mice Mice were injected with LAPC-9 s.c. and treated with the anti-PSCA mAb cocktail. Each data point represents the ellipsoidal volume of tumors at specified time points as described in Example 18-A, infra. In the anti-PSCA group, an arbitrary value of 20 was given for all data points to create a line, although the actual tumor volume was 0 (Example 18-A, infra).~~

Please replace the paragraphs beginning at page 15, line 10 with the following paragraph:

FIG. 53A. Inhibition of LAPC-9 tumor growth by anti-PSCA monoclonal antibodies. In the upper panel, mice Mice were injected with 1×10^6 LAPC-9 s.c. and treated

with a mouse IgG control (n = 10). Each data point represents the ellipsoidal volume of tumors at specified time points as described in Example 18-B.

FIG. 53B. ~~Inhibition of LAPC-9 tumor growth by anti-PSCA monoclonal antibodies.~~ In the middle panel, mice Mice were injected with LAPC-9 s.c. and treated with anti-PSCA mAb cocktail (n = 10). Each data point represents the ellipsoidal volume of tumors at specified time points as described in Example 18-B.

FIG. 53C. ~~Inhibition of LAPC-9 tumor growth by anti-PSCA monoclonal antibodies.~~ In the lower panel, mice Mice were injected with LAPC-9 s.c. and treated with bovine IgG (n = 5). Each data point represents the ellipsoidal volume of tumors at specified time points as described in Example 18-B.

Please replace the paragraphs beginning at page 15, line 17 with the following paragraph:

FIG. 54A. Inhibition of LAPC-9 tumor growth by the anti-PSCA monoclonal antibody 1G8. In the upper panel, mice Mice were injected with 1×10^6 LAPC-9 s.c. and treated with a mouse IgG control (n = 6). Each data point represents the ellipsoidal volume of tumors at specified time points.

FIG. 54B. ~~Inhibition of LAPC-9 tumor growth by the anti-PSCA monoclonal antibody 1G8.~~ In the lower panel, mice Mice were injected with LAPC-9 s.c. and treated with the anti-PSCA mAb 1G8 (n = 7). Each data point represents the ellipsoidal volume of tumors at specified time points.

Please replace the paragraphs beginning at page 15, line 23 with the following paragraph:

FIG. 55A. Inhibition of LAPC-9 tumor growth by anti-PSCA monoclonal antibodies 2A2 and 2H9. In the upper panel, mice Mice were injected with 1×10^6 LAPC-9 s.c.

and treated with either a mouse IgG control (n = 6) or the 2A2 mAb (n = 7). ~~All data points represent the mean ellipsoidal volume of tumors (mm) at the specified time points. Error bars represent standard error of the mean (SEM).~~

~~**FIG. 55B.** Inhibition of LAPC-9 tumor growth by anti-PSCA monoclonal antibodies 2A2 and 2H9. In the lower panel, mice Mice~~ were injected with LAPC-9 s.c. and treated with the same mouse IgG control (n = 6) or the 2H9 mAb (n = 7). All data points represent the mean ellipsoidal volume of tumors (mm³) at the specified time points. Error bars represent standard error of the mean (SEM).

Please replace the paragraphs beginning at page 16, line 1 with the following paragraph:

FIG. 56A. Circulating PSA levels in LAPC-9 tumor-injected mice after treatment with anti-PSCA mAbs 2A2 and 2H9. In the upper panel, mice Mice were injected with 1×10^6 LAPC-9 s.c. and treated with either the mouse IgG control (n = 6) or the 2A2 mAb (n = 7). ~~Each data point represents the mean PSA level determined from the serum of mice at weekly time points. Error bars represent standard error of the mean (SEM).~~

~~**FIG. 56B.** Circulating PSA levels in LAPC-9 tumor-injected mice after treatment with anti-PSCA mAbs 2A2 and 2H9. In the lower panel, mice Mice~~ were injected with LAPC-9 s.c. and treated with either the same mouse IgG control (n = 6) or the 2H9 mAb (n = 7). Each data point represents the mean PSA level determined from the serum of mice at weekly time points. Error bars represent standard error of the mean (SEM). --

Please replace the paragraphs beginning at page 17, line 5 with the following paragraph:

FIG. 65A. PSCA mAbs exert growth inhibitory effect through PSCA protein. The growth inhibitory effect of PSCA mAb 1G8 on LAPC-9 prostate tumors showing significant

growth inhibition in LAPC-9 tumors, which express PSCA antigen. See Examples 18-C1, -C3 for details.

~~**FIG. 65B.** PSCA mAbs exert growth inhibitory effect through PSCA protein. The growth inhibitory effect of PSCA mAb 1G8 on PC 3 prostate tumors, showing no effect on PC 3 tumors, which do not express PSCA antigen. See Examples 18-C1, -C3 for details.~~

Please replace the paragraphs beginning at page 18, line 15 with the following paragraph:

FIG. 71A. Anti-PSCA antibody administered to tumor-bearing mice circulates and targets tumors expressing PSCA. Immunohistochemistry of a tumor explant from a mouse, bearing an established PSCA-expressing tumor, treated with 3C5.

~~**FIG. 71B.** Anti PSCA antibody administered to tumor-bearing mice circulates and targets tumors expressing PSCA. Immunohistochemistry of a tumor explant from a mouse, bearing an established PSCA-expressing tumor, treated with mouse IgG.~~